

FIG. 1

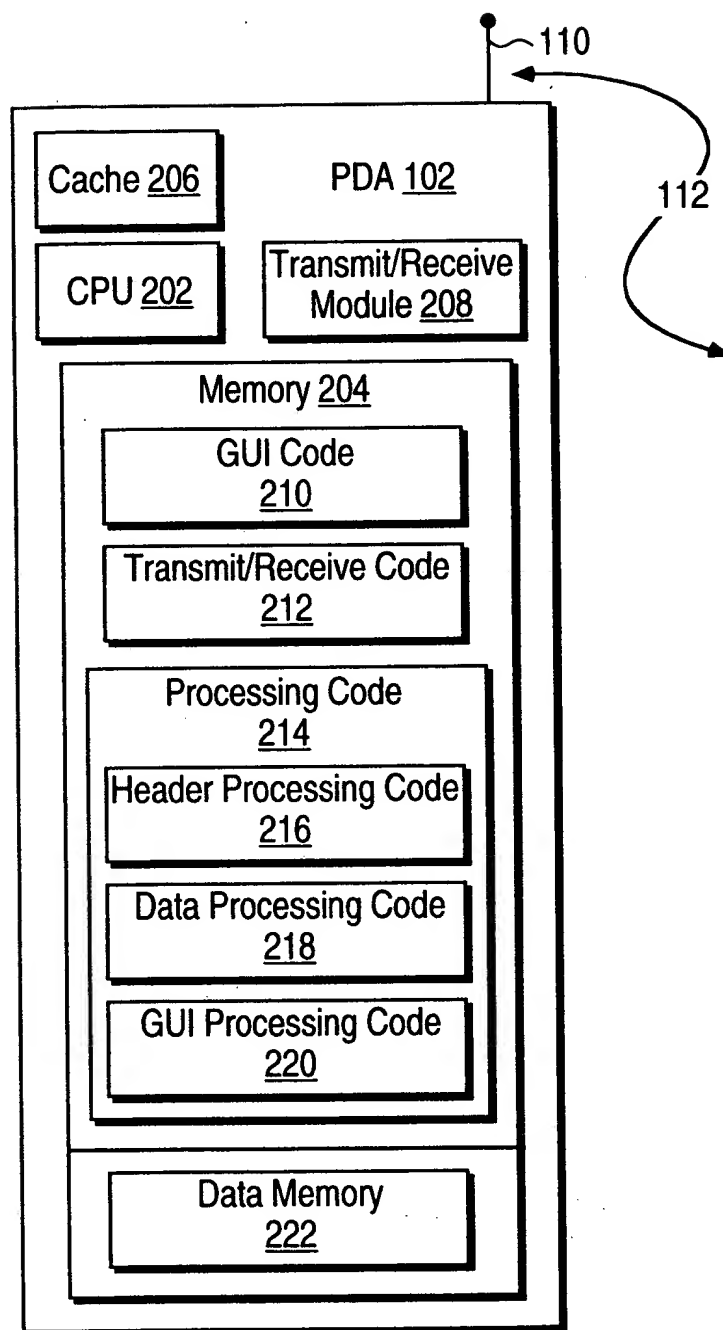


FIG. 2

FIG. 3

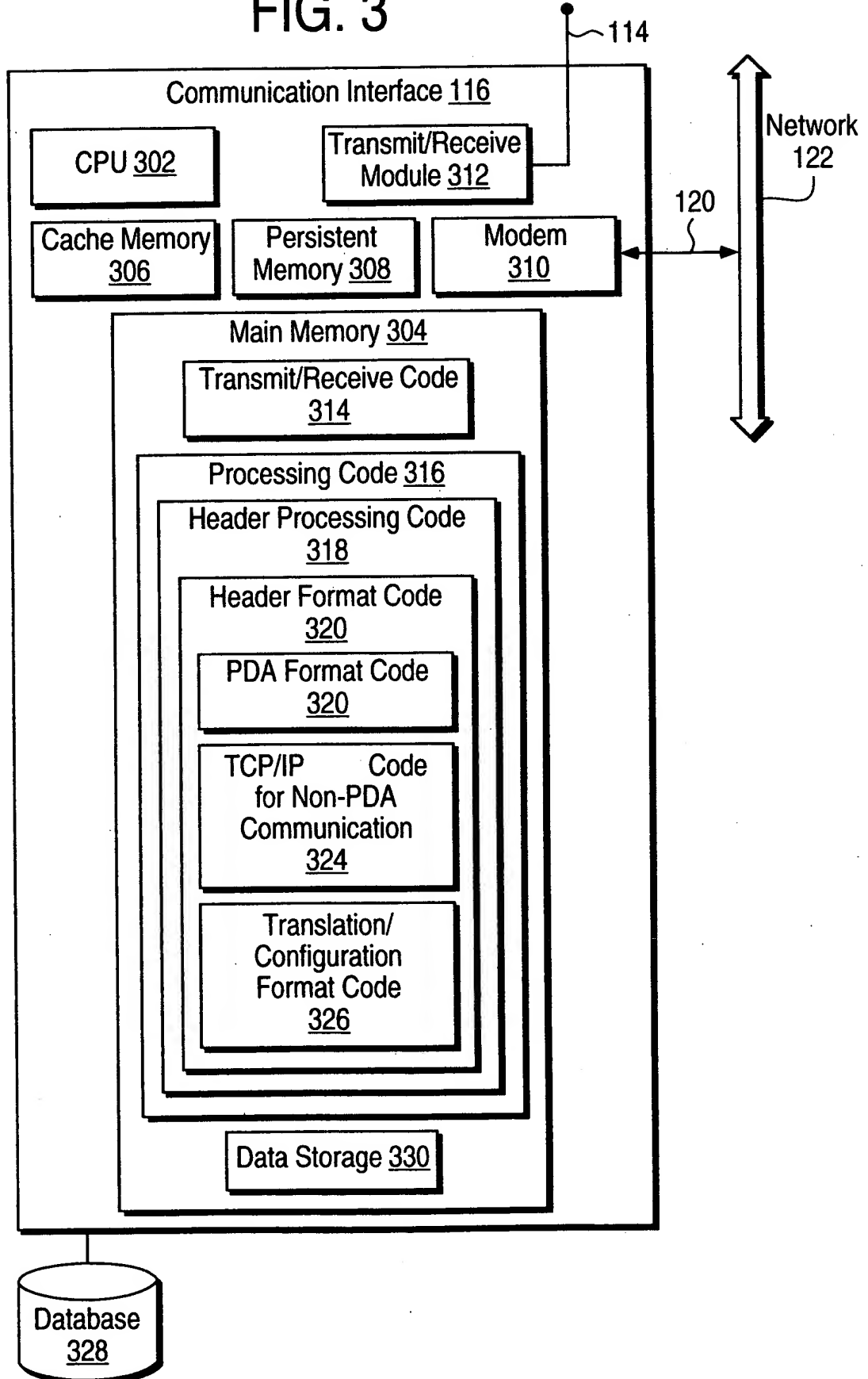
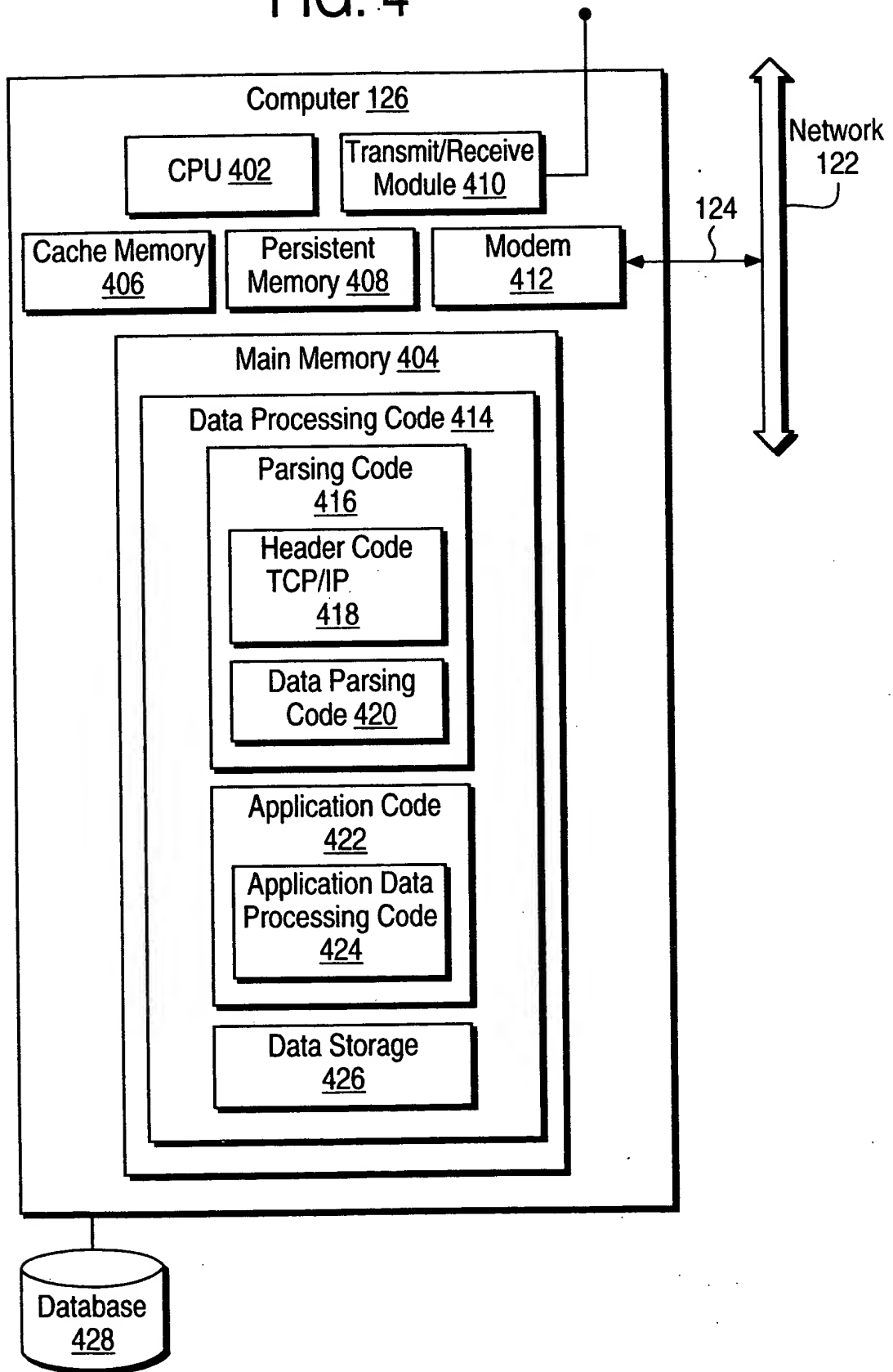


FIG. 4



Prior Art Packet 500

PPP Header 4 bytes  
502

TCP Header 20 bytes  
(4 bytes if compressed)  
504

IP Header 20 bytes  
506

Data 1460 bytes  
(1476 if TCP Header compressed)  
(1760 if PPP encoding used)  
508

FIG. 5

Simplified Packet  
According to Invention 500

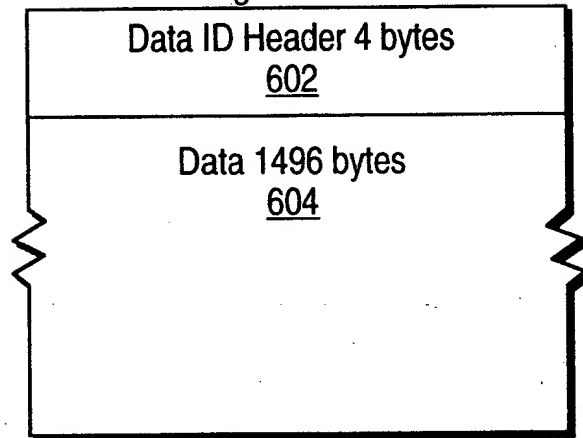


FIG. 6

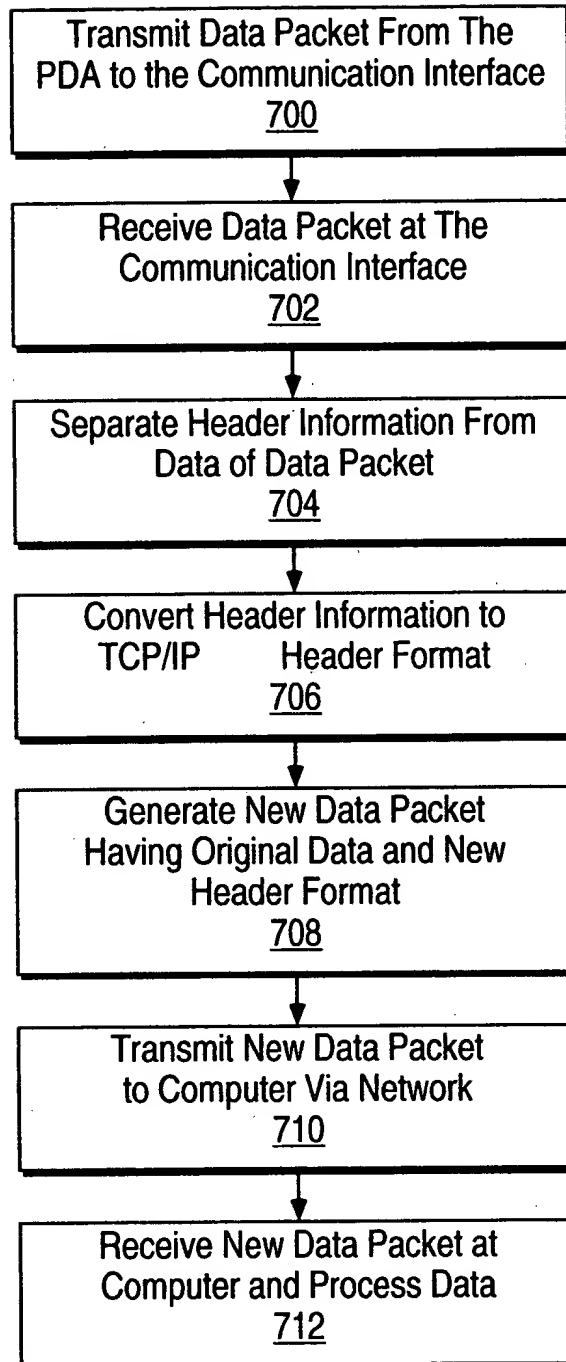


FIG. 7

Transmit Processed Data From Computer  
to Communications Having a Header in  
TCP/IP Format Interface Via Network  
800

Receive Data Packet at the  
Communications Interface  
802

Separate Header Information From  
Data of Data Packet  
804

Convert Header Information From  
TCP/IP Format to Simplified  
Header Format  
806

Generate New Data Packet Having  
Original Data and Simplified Header Format  
808

Transmit New Data Packet to PDA  
810

Receive and Process the Data  
Packet in the PDA  
812

FIG. 8